IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Hong Gui, Ambuj Shatdal, And Curt J. Ellmann	§	Group Art Unit:
		§	
Serial No.:		§	
		§	Examiner:
Filed:		§	
		§	
For:	Maintaining Views Of Cube-Based Operations In A Database System	§	Atty. Dkt. No.: 11166 (NCR.0114US)
		§	

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<u>INFORMATION DISCLOSURE STATEMENT</u>

Dear Sir:

Applicant submits the references listed on the attached form PTO 1449 together with any required copies of such references.

This statement is being filed with the application. Please apply any charges and/or credits to Deposit Account No. 50-1673 (11166).

Respectfully submitted,

Date:_____*Nov. 11, 2003*_____

_____*Paul*_____

Dan C. Hu
Registration No. 40,025
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Suite 100
Houston, Texas 77024
(713) 468-8880 [Phone]
(713) 468-8883 [Fax]

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. 11166 (NCR.0114US)		SERIAL NO.		.
	APPLICANT(S): HONG GUI, AMBUJ SHATDAL, AND CURT J. ELLMANN				
	FILING DATE:		GROUP ART UNIT:		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.						
	B.						
	C.						
	D.						
	E.						.
	F.						
	G.	.					
	H.						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	I.							
	J.							
	K.							
	L.							
	M.							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	N.	Inderpal Singh Mumick et al., "Maintenance of Data Cubes and Summary Tables in a Warehouse," Proceedings of SIGMOD '97, AZ, USA, pp. 100-111 (1997).
	O.	Frank Dehne et al., "Computing Partial Data Cubes for Parallel Data Warehousing Applications," 8 pages (2001).
	P.	Sunita Sarawagi, "On Computing the Data Cube," pp. 1-18 (1996).
	Q.	Jim Gray et al., "Data Cube: A Relational Aggregation Operator Generalizing Group-By, Cross-Tab, and Sub-Totals," pp. 1-9 (1995)
	R.	Rajiv Tewari, "Optimizing Cube Performance with OLAP Services: Processing times for each storage type," pp. 1-4, printed from http://www.sqlmag.com (as early as September 2000).
	S.	Rajiv Tewari, "Optimizing Cube Performance with OLAP Services: These test results reveal concrte steps you can take to improve multidimensional database performance," pp. 1-3,(as early as September 2000).
	T.	IBM Redbooks, "DB2 OLAP Server Theory and Pratices," pp. 1-263 (2001).

EXAMINER	DATE CONSIDERED